

The Career Certificate (C.C.) in Welding Technology prepares students for careers in many areas including shipbuilding, paper mills, power plants, aerospace, automobile manufacturing and construction.

Expert hands-on training provides the necessary skills for a successful career, and for thousands less than the for-profit tech schools.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Complete an academic degree plan with your program advisor.
<input type="checkbox"/> Follow up with an advisor about any prior credits that you may have earned (e.g., coursework, military experience, work experience, licensure/certification exams, etc.).
<input type="checkbox"/> Satisfy the career certificate graduation requirements.

Career Options

You will attain the knowledge and skills needed for such career options as Welder, Fabrication Welder, Welder Helper, Marine Pipe welder. **Related Career Pathways** include the following: Welding Apprentice or Office Manager/Permit Processor.

Advising

(904) 633-8292 or trades@fscj.edu.

Recommended Roadmap

This roadmap provides general guidance about recommended courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog for additional information. **This program is offered for full-time student enrollment.**

This roadmap has been mapped for students entering the program in the 2022-2023 academic year. Students who began the program in an earlier catalog year should visit their advisor for individual assistance.

Note: The listed numbers of weeks per course are estimated. Actual numbers of weeks per course may change significantly.

<input checked="" type="checkbox"/>	Course: Course Title	Contact Hours	Number of Weeks Per Course	Available Modalities
<input type="checkbox"/>	PMT 0070: Welder Assistant I	75	2.5	On-Campus
<input type="checkbox"/>	PMT 0070L: Welder Assistant I Lab	75	2.5	On-Campus
<input type="checkbox"/>	PMT 0071: Welder Assistant II	50	2	On-Campus
<input type="checkbox"/>	PMT 0071L: Welder Assistant II Lab	100	4	On-Campus
<input type="checkbox"/>	PMT 0072: Welder SMAW I	50	2	On-Campus
<input type="checkbox"/>	PMT 0072L: Welder SMAW I Lab	100	4	On-Campus
<input type="checkbox"/>	PMT 0073: Welder SMAW II	50	2	On-Campus
<input type="checkbox"/>	PMT 0073L: Welder SMAW II Lab	100	4	On-Campus
<input type="checkbox"/>	PMT 0074: Welder	225	9	On-Campus
<input type="checkbox"/>	PMT 0074L: Welder Lab	225	9	On-Campus

Total Program Contact Hours

Students considering a Career Certificate in **Welding Technology** should be aware that the program requires **1050** contact/clock hours that must be completed and documented. Students should also understand and accept the attendance requirements prior to enrolling in this Career Certificate program. This career certificate Welding Technology clock-hour program is eligible for financial aid.

Important for You to Know

Test of Adult Basic Education: The Test of Adult Basic Education (TABE) is a major criterion in students' completion of the program. To earn the Career Certificate, students must achieve or surpass the [designated exit score\(s\) on the TABE](#) or qualify for a [TABE Waiver](#). Students with prior coursework, test scores or licensing may qualify for a [TABE Waiver](#) and can visit or contact any FSCJ [Assessment and Certification Center](#) to have the waiver processed and added to their individual student record. For students who do not meet the required TABE scores and who therefore need assistance to meet this exit requirement, the College offers remediation in basic skills through [Adult Education](#).

Program Learning Outcomes

Upon completing this program, students will:

- Be able to fabricate metal into various forms for functional use from blueprints and shop drawing
- Be able to weld plate and pipe, steel and aluminum, pipe on steel and aluminum
- Be able to use various processes and techniques of oxyacetylene cutting (OFC), shielded metal arc welding (SMAW), gas metal arc welding (GMAW), flux cored arc welding (FCAW) and gas tungsten arc welding (GTAW)
- Be qualified for a position as an entry-level welding technician.